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Patent
Attorney's Docket No. 032796-019
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
John P. CARULLI et al.) Group Art Unit: 1635
Application No.: 09/578,900) Examiner: Jon Eric Angell
Filed: May 26, 2000) Confirmation No: 8399
For: HIGH BONE MASS GENE OF)
11q13.3)

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**RESPONSE TO SECOND RESTRICTION REQUIREMENT
AND AMENDMENT**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In complete response to the Official Action mailed June 12, 2002 (Paper No. 14),
please amend the above-captioned application as follows:

IN THE CLAIMS

Please substitute Claim 6 as follows:

- SUB
D10
6. A method for identification of a candidate molecule involved in lipid regulation comprising:
- (A) identifying a molecule that binds to, or that inhibits binding of a molecule to, the nucleic acid sequence of SEQ ID NO: 1 or a Zmax1 nucleic acid comprising a polymorphism of Table 4, except for the C/A base change at location 21119 (308G);
 - (B) identifying a molecule that binds to, or that inhibits binding of a molecule to, the nucleic acid sequence of SEQ ID NO: 2; and
 - (C) comparing the extent of binding, or the extent of inhibition of binding, of the molecule to each nucleic acid sequence, wherein the molecule that binds, or inhibits